

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: V. Raman Sukumar, M.D.

ATTORNEY DOCKET NO: RS03-232

SERIAL NO.:

DATED: April 8, 2004

FILED: SIMULTANEOUSLY HERewith

TITLE: MOBILE INTRA-OPERATIVE MICROSCOPIC DIAGNOSIS LABORATORY

Hon Commissioner of Patents and Trademarks
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. 1.97

Attention is invited to the following disclosures which have been distinguished in the claims but may nevertheless be helpful to the office in its examination of this application:

U.S. 3,315,474	Farer	April 25, 1967
U.S. 3,557,569	Hill, et al.	January 26, 1971
U.S. 4,136,526	Chanin, et al.	January 30, 1979
U.S. 4,915,435	Levine	April 10, 1990
U.S. 4,916,922	Mullens	April 17, 1990
U.S. 5,061,630	Knopf, et al.	October 29, 1991
U.S. 5,161,848	Lutton	November 10, 1992
U.S. 5,236,390	Young	August 17, 1993
U.S. 5,333,460	Lewis, et al.	August 2, 1994
U.S. 5,665,314	Berger, et al.	September 9, 1997
U.S. 5,727,353	Getz, et al.	March 17, 1998
U.S. 5,755,478	Kamiya, et al.	May 26, 1998
U.S. 6,082,799	Marek	July 4, 2000
U.S. 6,160,263	Smith, et al.	December 12, 2000
U.S. 6,374,619B1	Bessendorf	April 23, 2002
U.S. 6,378,314B1	Clark	April 30, 2002
U.S. 2002/0083717	Mullens, et al.	July 4, 2002
U.S. 6,485,683	Walles	Nov. 6, 2002

The references are listed on the attached form PTO-1449.

Farer discloses a mobile refrigeration system for a vehicle.

Hill, et al. discloses a cargo truck having a cryogenic refrigerant supply.

Chanin, et al. discloses a portable helium cryostat.

Levine discloses a mobile operating room having a refrigerant unit 25.

Mullins discloses a portable cryostat for freezing tissue samples.

Knopf, et al. discloses a temperature controlled apparatus in a vehicle. See column 5, lines 62-68.

Lutton discloses a refrigerated vehicle body.

Lewis, et al. discloses a portable self-contained cryocooler.

Berger, et al. discloses a mobile analytical unit having a cryogen for cooling. See column 4, lines 51-57.

Getz, et al. discloses a modular climate control unit 54.

Kamiya, et al. discloses a mobile trauma care system, having an ESM 240 which includes a refrigeration unit. See column 3, lines 35-38.

Bessendorf discloses a micro-cryostat.

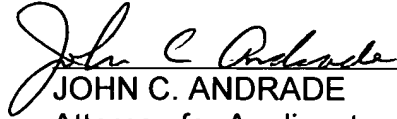
Mullins, et al., Smith, et al, Clark and Berger, et al. disclose portable cryogenic containers and are included as of general interest.

Walles, Merek and Young disclose mobile medical laboratories generally.

There is no suggestion in any reference of a mobile intra-operative microscopic diagnosis laboratory or method capable of providing intra-operative consultation within 20 minutes, which includes a means for transporting the laboratory in addition to a cryostat, a means for reading slides from microscopic diagnosis, a means for indicating

various locations in the specimens, a means for handling the fresh tissue and a means for cutting the specimens.

Respectfully submitted,


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April 8, 2004

Form 1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Attorney Docket Number
RS03-232

Serial Number

Applicant: V. Raman Sukumar, M.D.

Filing Date: April 8, 2004

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
		3 3 1 5 4 7 4	04/25/67	Farer			08/23/65
		3 5 5 7 5 6 9	01/26/71	Hill, et al.			10/08/68
		4 1 3 6 5 2 6	01/30/79	Chanin, et al.			04/14/77
		4 9 1 5 4 3 5	04/10/90	Levine			04/05/89
		4 9 1 6 9 2 2	04/17/90	Mullens			05/09/89
		5 0 6 1 6 3 0	10/29/91	Knopf, et al.			05/12/89
		5 1 6 1 8 4 8	11/10/92	Lutton			11/19/90
.		5 2 3 6 3 9 0	08/17/93	Young			07/26/91
.		5 3 3 3 4 6 0	08/02/94	Lewis, et al.			12/21/92
.		5 6 6 5 3 1 4	09/09/97	Berger, et al.			10/11/94
		5 7 2 7 3 5 3	03/17/98	Getz, et al.			04/04/96
		5 7 5 5 4 7 8	05/26/98	Kamiya, et al.			06/06/95
		6 0 8 2 7 9 9	07/04/00	Marek			12/15/97
		6 1 6 0 2 6 3	12/12/00	Smith, et al.			09/27/99
		6 3 7 4 6 1 9	04/23/02	Bessendorf			11/18/99
		6 3 7 8 3 1 4	04/30/02	Clark			02/06/01
	2002	0 0 8 3 7 1 7	07/04/02	Mullens, et al.			12/29/00
		6 4 8 5 6 8 3	11/26/02	Walles			06/24/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER	DATE CONSIDERED	

*EXAMINER. Initial if citation considered whether or not citation is in conformance with HPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.